

## EAST Search History

| Ref # | Hits    | Search Query   | DBs                             | Default Operator | Plurals | Time Stamp          |
|-------|---------|--|---------------------------------|------------------|---------|---------------------|
| L1    | 10050   | 430/5.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ              | ON      | 2009/01/23<br>14:24 |
| L2    | 3696    | 430/311.ccls. not 1                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ              | ON      | 2009/01/23<br>14:24 |
| L3    | 1856    | 430/313.ccls. not 1 not 2                              | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ              | ON      | 2009/01/23<br>14:25 |
| L4    | 953     | 355/18-19.ccls. not 1 not 2 not 3                      | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ              | ON      | 2009/01/23<br>14:30 |
| L5    | 6706    | 355/75-77.ccls. not 1 not 2 not 3 not 4                | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ              | ON      | 2009/01/23<br>14:33 |
| L6    | 555948  | mask or photomask or reticle                           | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ              | ON      | 2009/01/23<br>14:34 |
| L7    | 552902  | resist or photoresist                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ              | ON      | 2009/01/23<br>14:34 |
| L8    | 19566   | "near" field or nearfield or proximity field           | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ              | ON      | 2009/01/23<br>14:34 |
| L9    | 1034020 | interference or interfere or interfered or interfering | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ              | ON      | 2009/01/23<br>14:35 |
| L10   | 6       | (1 or 2 or 3 or 4 or 5) and 6 same 7 same 8 same 9     | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ              | ON      | 2009/01/23<br>14:36 |
| L11   | 10      | (1 or 2 or 3 or 4 or 5) and 6 same 8 same 9 not 10     | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ              | ON      | 2009/01/23<br>14:37 |

|     |       |   |                                     |     |    |                     |
|-----|-------|---|-------------------------------------|-----|----|---------------------|
| L12 | 11    | 6 same 7 same 8 same 9<br>not 10 not 11   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2009/01/23<br>14:38 |
| L13 | 51    | 6 same 8 same 9 not 10<br>not 11 not 12   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2009/01/23<br>14:39 |
| L14 | 356   | plasmon polariton   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2009/01/23<br>14:42 |
| L15 | 15944 | plasmon or polariton  | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2009/01/23<br>14:46 |
| L16 | 2     | (1 or 2 or 3 or 4 or 5) and<br>6 same (14 or 15) same 9<br>not 10 not 11 not 12 not<br>13   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2009/01/23<br>14:48 |
| L17 | 2     | 6 same (14 or 15) same 9<br>not 10 not 11 not 12 not<br>13 not 16   | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2009/01/23<br>14:48 |
| L18 | 16    | (6 and 7) same (8 or 14 or<br>15) same (thickness or<br>thick or thicker or thickest<br>or thinness or thin or<br>thinner or thinnest or<br>thinness or thinner or<br>thinnest) same (light or<br>lighting or expose or<br>exposure or exposing or<br>exposed or radiation or<br>radiating or radiant) near3<br>(intensity) not 10 not 11<br>not 12 not 13 not 16 not<br>17       | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2009/01/23<br>15:24 |
| L19 | 6     | (6 and 7) same (8 or 14 or<br>15) same (thickness or<br>thick or thicker or thickest<br>or thinness or thin or<br>thinner or thinnest or<br>thinness or thinner or<br>thinnest) same (light or<br>lighting or expose or<br>exposure or exposing or<br>exposed or radiation or<br>radiating or radiant) same<br>(intensity) not 10 not 11<br>not 12 not 13 not 16 not<br>17 not 18 | US-<br>PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2009/01/23<br>15:25 |

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|-----|----|--|---------------------------------|-----|----|---------------------|
| L20 | 13 | (6 and 7) same (8 or 14 or 15) same (depth or deep or height or high) same (light or lighting or expose or exposure or exposing or exposed or radiation or radiating or radiant) same (intensity) not 10 not 11 not 12 not 13 not 16 not 17 not 18 not 19  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2009/01/23<br>15:27 |
| L21 | 52 | (6 or 7) same (8 or 14 or 15) same (thickness or thick or thicker or thickest or thinness or thin or thinner or thinnest or thinness or thinner or thinnest or depth or deep or height or high) same (light or lighting or expose or exposure or exposing or exposed or radiation or radiating or radiant) same (intensity) not 10 not 11 not 12 not 13 not 16 not 17 not 18 not 19 not 20 | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2009/01/23<br>15:28 |
| L22 | 9  | (bilayer or multilayer or (multi or multiple or double or triple)) same 7 same (8 or 14 or 15) same (light or lighting or expose or exposure or exposing or exposed or radiation or radiating or radiant) same (intensity) not 10 not 11 not 12 not 13 not 16 not 17 not 18 not 19 not 20 not 21   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2009/01/23<br>16:07 |
| L23 | 8  | (bilayer or multilayer or multi layer) same 7 same (8 or 14 or 15) not 10 not 11 not 12 not 13 not 16 not 17 not 18 not 19 not 20 not 21 not 22  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2009/01/23<br>16:10 |
| L24 | 5  | buffer same 7 same (8 or 14 or 15) not 10 not 11 not 12 not 13 not 16 not 17 not 18 not 19 not 20 not 21 not 22 not 23   | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2009/01/23<br>16:11 |
| L25 | 2  | buffer near3 (layer or film or coating or coat or deposit or deposition) same 7 same (8 or 14 or 15) not 24  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON | 2009/01/23<br>16:16 |

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|-----|----|--|---------------------------------|-----|-----|---------------------|
| L26 | 47 | buffer near3 (layer or film or coating or coat or deposit or deposition) same 7 and (8 or 14 or 15) not 24 not 25  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON  | 2009/01/23<br>16:21 |
| L27 | 7  | (Kuroda-Ryo or Mizutani-Natsuhiko or Yamada-Tomohiro).in. and (Canon).as. and 6 same 7 same 8 and 9 not 10 not 11 not 12 not 13 not 16 not 17 not 18 not 19 not 20 not 21 not 22 not 23 not 24 not 25 not 26                 | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON  | 2009/01/23<br>16:30 |
| L28 | 17 | (Kuroda-Ryo or Mizutani-Natsuhiko or Yamada-Tomohiro).in. and (Canon).as. and 6 same 7 same 8 not 10 not 11 not 12 not 13 not 16 not 17 not 18 not 19 not 20 not 21 not 22 not 23 not 24 not 25 not 26 not 27                | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON  | 2009/01/23<br>16:30 |
| L29 | 1  | ((Kuroda-Ryo or Mizutani-Natsuhiko or Yamada-Tomohiro).in. or (Canon).as.) and 6 same 7 same 8 and 9 not 10 not 11 not 12 not 13 not 16 not 17 not 18 not 19 not 20 not 21 not 22 not 23 not 24 not 25 not 26 not 27 not 28  | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON  | 2009/01/23<br>16:31 |
| L30 | 19 | ((Kuroda-Ryo or Mizutani-Natsuhiko or Yamada-Tomohiro).in. or (Canon).as.) and 6 same 7 same 8 not 10 not 11 not 12 not 13 not 16 not 17 not 18 not 19 not 20 not 21 not 22 not 23 not 24 not 25 not 26 not 27 not 28 not 29 | US-PGPUB;<br>USPAT;<br>EPO; JPO | ADJ | ON  | 2009/01/23<br>16:32 |
| S1  | 1  | ("6171730").PN.  | US-PGPUB;<br>USPAT              | OR  | OFF | 2009/01/22<br>08:46 |
| S2  | 1  | ("5973316").PN.  | US-PGPUB;<br>USPAT              | OR  | OFF | 2009/01/22<br>09:05 |

|    |    |   |                        |    |     |                     |
|----|----|---|------------------------|----|-----|---------------------|
| S3 | 17 | ((("4912408") or<br>("6187482") or<br>("6559926") or<br>("6628392") or<br>("6632593") or<br>("6720115") or<br>("7050144") or<br>("7068353") or<br>("20060007440") or<br>("20060003269") or<br>("20060003236") or<br>("20050064303") or<br>("20050063445") or<br>("20050057752") or<br>("20040121245") or<br>("20040080732") or<br>("20040023161"))).PN. | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/01/22<br>09:53 |
| S4 | 1  | ("20060110693").PN.   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/01/22<br>10:31 |

1/23/09 4:34:07 PM

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